

## LISTING PROGRAM

```
#define CW 7 //CW is defined as pin #7//

#define CCW 8 //CCW is defined as pin #8//

void setup(){

  Serial.begin(9600);


  pinMode(CW, OUTPUT); //Set CW as an output//

  pinMode(CCW, OUTPUT); //Set CCW as an output//


  digitalWrite(CW, HIGH); //Motor stops//

  digitalWrite(CCW, HIGH); //Motor stops//

}


void loop(){


  while (digitalRead(9) == LOW &&digitalRead(10) == LOW &&digitalRead(11)
== LOW &&digitalRead(12) == LOW) {


    }


    while (digitalRead(9) == HIGH) { // Button 1 pressed

      Serial.println("Button a");
```

```
Serial.println("Putarkanan");

digitalWrite(CW,LOW); //Motor runs clockwise//

}

while (digitalRead(10) == HIGH) { // Button 2 pressed

Serial.println("Button b");

Serial.println("PutarKiri");

digitalWrite(CCW,LOW); //Motor runs clockwise//

}

while (digitalRead(11) == HIGH) { // Button 2 pressed

Serial.println("Button C");

Serial.print("Mati");

digitalWrite(CW, HIGH); //Motor stops//

digitalWrite(CCW,HIGH); //Motor runs clockwise// }
```